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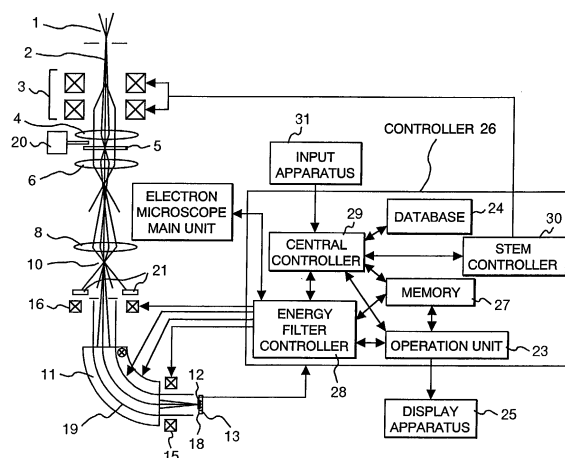
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(54) **Energy spectrum measurement**

(57) An electron beam detector detects a peak of a spectrum, and when a peak position is deviated from a reference position on the electron beam detector, a controller for controlling an electron beam position on the electron beam detector is used to correct a deviation. An electron energy loss spectrum is measured while controlling correction a deviation between an electron beam position on a specimen, and a peak position of the spectrum, and a spectrum measuring with the electron beam detector.

FIG. 1a





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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 5 October 2006	Examiner Oestreich, Sebastian
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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